**Questions & Answers - Melissa Nieuwoudt**

**Answer the following questions.**

What was the App that your group created?

We created a Covid-19 Tracking App that allows the users to view deaths, current cases and those who have recovered from Covid-19.

### Agile / Scrum

1. What did you learn about how the Agile and Scrum methodologies operate?

I learnt that it’s better than the waterfall methodology, for testing, flexibility and several other reasons.

1. In practice how effective did you find this methodology?

It would be effective for flexibility, management of the team, and keeping tabs on any possible defects.

1. What did you find was the strength of it?

It would be a good way of keeping track of everyone’s progression to the final product.

1. What were its weaknesses?

It is only as valuable as what each individual shares with the group/team leader.

1. What were the best features of the process?

It keeps testing the code as it progresses.

1. How did they appeal to you?

I think it would be a valuable methodology to keep track of defects, progress and any concerns of an app.

1. What was the worst feature of the process?

If a member of the team is sick or absent, things can become confused.

1. How would you change them?

I’m uncertain how to change/improve on this.

### Group work

1. What did you enjoy about this style of programming?

It was a good experience to learn how to work efficiently with different ideas and styles of coding. And having the benefit of different people’s strengths and knowledge to help.

1. What are the downsides for you of group work?

It was difficult to manage code if not properly commented or variables labelled in a way different then what was easy for me to understand. Also it can be easy to forget that not everyone has the same skill set level.

1. How did this session change your opinion of working in industry?

It gave me a greater insight as to what a real team project would be like; with different people, different skills and different understandings on how to reach a common goal.

### Source Control

1. What form of Source Control did you use?

We used GitHub.

1. What were its strengths?

It was good to update code with the current version and allow multiple people to access the current version of the application.

1. What were its weaknesses?

I often struggled to sync/merge my code to the master code.

1. How effective as a source control did you find it?

It worked well for our team. I just seem to be missing some part of how I need to merge without causing errors.

1. If you had to use it again what would you change?

I would perhaps check with someone who know how to use it properly how to merge/sync and take notes for future reference.

### Other

1. Do you feel that this has been a worthwhile experiment?

Yes, but not to the extent it should have been. Truthfully, I feel as we weren’t given sufficient time for this assessment to grasp the Agile and Scrum methodologies.

1. Why? Why not?

The document says it should take 6-7 weeks we had a total of 3. I don’t think with these restricting timelines we could really experience the Agile and Scrum methodologies as we just were doing what we needed to complete the assessment.

1. **If you had to give yourself a percent grade for your contribution to the project, and the process, what would it be?** Bearing in mind that you might have produced little, yet done the hard yards. Or you made heaps, but it was really easy.

I would say around 18% since I was sick for a week and didn’t contribute much during this time.